

REF 1066

EG&G ROCKY FLATS

000008490

DIST.	LTR	ENC
NJ	IA	
RM	HS	
ETZKE, J.C.		
RLINGAME, A.H.		
PP, R.D.		
OUCHER, D.W.		
VIS, J.G.		
ERED, J.E.	X	
RRERA, D.W.		
ANCIS, G.E.	X	
OWIN, R.		
NNI, B.J.		
BMAN, I. K.		
ALY, T.J.		
KER, E.H.		
VS, J. P.		
RSH, J.M.	X	
BY, W.A.		
ESTER, A.W.		
EG, D.		
E, E.M.	X	
JESTIC, J.R.		
RX, G.E.		
URRENS, B.E.		
RGAN, R.V.	X	
TER, G.L.	X	
ZITO, V.M.	X	
EFFI, B.E.		
NDLIN, N.B.		
EPLER, I.B.		
ANSON, E.R.		
BE, J.S.		
KINSON, R.B.	X	
SON, J. M.		
UNG, E.R.		
NE		
TH, F.H.		
OGUES, J.L.	X	
ELSON, EA	X	
HASTON, I.D.	X	
HARRIS, M.J.	X	X
GREENGARD, T.C.	X	
WINTER, J.	X	
RES CONTROL	x	x
AFFIC		

EG&G ROCKY FLATS, INC.

ROCKY FLATS PLANT, P.O. BOX 464, GOLDEN, COLORADO 80402-0464 • (303) 966-7000

February 11, 1992

92-RF-1066

Robert M. Nelson, Jr.

Manager

DOE, RFO

Attn: F. R. Lockhart

EVALUATING THE PYROPHORICITY OF URANIUM CONTAMINATION IN OU 2 - JEE-0089-92

The Environmental Management Department of EG&G Rocky Flats, Inc. is requesting assistance from the Los Alamos Technology Office in evaluating the pyrophoricity of uranium contamination in Operable Unit No. 2 (OU 2).

The proposed Interim Remedial Action Plan for OU 2 includes an in-situ, vacuum enhanced, vapor extraction treatment to recover volatile organic compounds (VOCs) from the soil. A concern has developed that uranium contamination in the soil could cause a problem due to the potential for pyrophoric reactions during the in-situ treatment. D. Clark (LANL) recently investigated a similar concern involving plutonium contamination in the area of the 903 Pad. This investigation also accumulated information concerning uranium in the OU 2 area, but the uranium information was not included in the final report. We are requesting that D. Clark evaluate the potential for uranium pyrophoricity during the proposed OU 2 Interim Remedial Action, and provide a written summary of the evaluation and conclusions.

If you have any questions or require additional information, please contact M. J. Harris at 273-6141 or T. C. Greengard at 273-6073, both of EM's Environmental Research and Technology.

J. E. Evered

J. E. Evered, Director
Environmental Management

MJH:cet

Orig. and 1 cc - R. M. Nelson, Jr.

CC:
S. R. Grace

CLASSIFICATION:

CNI	
CLASSIFIED	X
CONFIDENTIAL	X
SECRET	

AUTHORIZED CLASSIFIER

SIGNATURE
H. B. Bama
30-92
DATE

REPLY TO LTR NO.

2/A

R.A. COVALS:

J. E. Evered
SIGNED & TESTED
1/21/92
MJH/cet